

PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2003

Application or Docket Number

09/857144

CLAIMS AS FILED - PART I

| | | (Column 1) | (Column 2) |
|----------------------------------|--|--------------|--------------------------|
| TOTAL CLAIMS | | | |
| FOR | | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | | minus 20 = | * |
| INDEPENDENT CLAIMS | | minus 3 = | * |
| MULTIPLE DEPENDENT CLAIM PRESENT | | | <input type="checkbox"/> |

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY
TYPE

| RATE | FEES | RATE | FEES |
|-----------|--------|--------------|--------|
| BASIC FEE | 385.00 | OR BASIC FEE | 770.00 |
| XS 9= | | OR XS18= | |
| X43= | | OR X86= | |
| +145= | | OR +290= | |
| TOTAL | | OR TOTAL | |

OTHER THAN
OR SMALL ENTITY

OTHER THAN
SMALL ENTITY

CLAIMS AS AMENDED - PART II

| | | (Column 1) | (Column 2) | (Column 3) |
|--|-------------|---|------------|---|
| AMENDMENT A | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR |
| | Total | * 21 | Minus | ** 20 = 1 |
| | Independent | * 3 | Minus | *** 3 = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

SMALL ENTITY

OR

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| XS 9= | |
| X43= | |
| +145= | |
| TOTAL ADDIT. FEE | |

OTHER THAN

SMALL ENTITY

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| XS18= | 18 |
| X86= | |
| +290= | |
| TOTAL ADDIT. FEE | |

| | | (Column 1) | (Column 2) | (Column 3) |
|--|-------------|---|------------|---|
| AMENDMENT B | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR |
| | Total | * 21 | Minus | ** 20 = 1 |
| | Independent | * 3 | Minus | *** 3 = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

ADDI-
TIONAL
FEE

OR

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| XS 9= | |
| X43= | |
| -145= | |
| TOTAL ADDIT. FEE | |

ADDI-
TIONAL
FEE

OR

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| XS18= | |
| X86= | |
| +290= | |
| TOTAL ADDIT. FEE | |

| | | (Column 1) | (Column 2) | (Column 3) |
|--|-------------|---|------------|---|
| AMENDMENT C | | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR |
| | Total | * 21 | Minus | ** 20 = 1 |
| | Independent | * 3 | Minus | *** 3 = |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | |

ADDI-
TIONAL
FEE

OR

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| XS 9= | |
| X43= | |
| +145= | |
| TOTAL ADDIT. FEE | |

ADDI-
TIONAL
FEE

OR

| RATE | ADDI- TIONAL FEE |
|------------------|------------------------|
| XS18= | |
| X86= | |
| +290= | |
| TOTAL ADDIT. FEE | |

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION P DETERMINATION RECORD
Effective October 1, 2000

Application or Docket Number

09/857144

CLAIMS AS FILED - PART I

(Column 1) (Column 2)

| | | |
|----------------------------------|---------------|--------------------------|
| TOTAL CLAIMS | | |
| FOR | NUMBER FILED | NUMBER EXTRA |
| TOTAL CHARGEABLE CLAIMS | 13 minus 20 = | |
| INDEPENDENT CLAIMS | 1 minus 3 = | |
| MULTIPLE DEPENDENT CLAIM PRESENT | | <input type="checkbox"/> |

If the difference in column 1 is less than zero, enter "0" in column 2

CLAIMS AS AMENDED - PART II

(Column 1) (Column 2) (Column 3)

| AMENDMENT A | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------|------------------------------------|--------------------------|
| | Total | Minus | | |
| | 13 | Minus | 20 | = 0 |
| Independent | 1 | Minus | 3 | = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | <input type="checkbox"/> |

SMALL ENTITY
TYPE OR OTHER THAN
SMALL ENTITY

| | | | |
|-----------|------|-----------|------|
| RATE | FEES | RATE | FEES |
| BASIC FEE | | BASIC FEE | 860 |
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL | | TOTAL | 860 |

OTHER THAN
SMALL ENTITY

| | | | |
|------------------|----------------|------------------|----------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT B | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------|------------------------------------|--------------------------|
| | Total | Minus | | |
| | 16 | Minus | 20 | = 0 |
| Independent | 1 | Minus | 3 | = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | <input type="checkbox"/> |

| | | | |
|------------------|----------------|------------------|----------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE | |

(Column 1) (Column 2) (Column 3)

| AMENDMENT C | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | PRESENT EXTRA |
|--|----------------------------------|-------|------------------------------------|--------------------------|
| | Total | Minus | | |
| | 20 | Minus | 20 | = 0 |
| Independent | 3 | Minus | 3 | = 0 |
| FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM | | | | <input type="checkbox"/> |

| | | | |
|------------------|----------------|------------------|----------------|
| RATE | ADDITIONAL FEE | RATE | ADDITIONAL FEE |
| X\$ 9= | | X\$18= | |
| X40= | | X80= | |
| +135= | | +270= | |
| TOTAL ADDIT. FEE | | TOTAL ADDIT. FEE | |

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.